

FILE 'MEDLINE, EMBASE, BIOSIS, CAPLUS' ENTERED AT 09:13:46 ON 26 JUN 2003

L1	70191 S TGF-BETA
L2	0 S L1 AND NEURTUTIN
L3	53 S L1 AND NEURTURIN
L4	8 S L3 AND PY=<1997
L5	5 DUP REM L4 (3 DUPLICATES REMOVED)
L6	33 S L1 AND PERSEPHIN
L7	0 S L6 AND PY=<1997

=> s GDNF

L1 4327 GDNF

=> s l1 and TGF-beta

L2 278 L1 AND TGF-BETA

=> s l2 and py=<1996

3 FILES SEARCHED...

L3 98 L2 AND PY=<1996

=> dup rem l3

PROCESSING COMPLETED FOR L3

L4 31 DUP REM L3 (67 DUPLICATES REMOVED)

L5 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2003 ACS  
 AN 1997:267263 CAPLUS  
 DN 126:247135  
 TI Cloning and expression of human and mouse **neurturin** and their  
 therapeutical uses  
 IN Johnson, Eugene M., Jr.; Milbrandt, Jeffrey D.; Kotzbauer, Paul T.; Lampe,  
 Patricia A.  
 PA Washington University, USA; Johnson, Eugene M., Jr.; Milbrandt, Jeffrey  
 D.; Kotzbauer, Paul T.; Lampe, Patricia A.  
 SO PCT Int. Appl., 205 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9708196	A1	19970306	WO 1996-US14065	19960827 <--
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM				
	US 5739307	A	19980414	US 1995-519777	19950828
	CA 2194172	AA	19970301	CA 1996-2194172	19960827 <--
	AU 9671054	A1	19970319	AU 1996-71054	19960827 <--
	AU 714107	B2	19991216		
	EP 787142	A1	19970806	EP 1996-932163	19960827 <--
	R: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	JP 11512928	T2	19991109	JP 1996-510628	19960827
	NZ 332921	A	20010330	NZ 1996-332921	19960827
	US 5747655	A	19980505	US 1996-742035	19961101
	US 5817622	A	19981006	US 1996-777019	19961230
	US 5843914	A	19981201	US 1996-777143	19961230
	US 6090778	A	20000718	US 1996-775414	19961231
PRAI	US 1995-519777	A2	19950828		
	WO 1996-US14065	W	19960827		

L5 ANSWER 3 OF 5 MEDLINE DUPLICATE 1  
 AN 97325791 MEDLINE  
 DN 97325791 PubMed ID: 9182803  
 TI TrnR2, a novel receptor that mediates **neurturin** and GDNF  
 signaling through Ret.  
 AU Baloh R H; Tansey M G; Golden J P; Creedon D J; Heuckeroth R O; Keck C L;  
 Zimonjic D B; Popescu N C; Johnson E M Jr; Milbrandt J  
 CS Department of Pathology, Washington University School of Medicine, St.  
 Louis, Missouri 63110, USA.  
 NC R01 AG13729 (NIA)  
 R01 AG13730 (NIA)  
 SO NEURON, (1997 May) 18 (5) 793-802.  
 Journal code: 8809320. ISSN: 0896-6273.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 OS GENBANK-AF002700; GENBANK-AF002701  
 EM 199706  
 ED Entered STN: 19970716  
 Last Updated on STN: 20000303  
 Entered Medline: 19970630

L5 ANSWER 4 OF 5 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

AN 1997:470193 BIOSIS

DN PREV199799769396

TI Members of TRN (**TGF-beta** related neurotrophic factor)  
family promote survival of mesencephalic neurons.

AU Lampe, P. A. (1); Leitner, M. L. (1); Golden, J. P. (1); Mibrandt, J. D.;  
Johnson, E. M., Jr. (1)

CS (1) Dep. Molecular Biol. and Pharmacology, Washington Univ. Sch. Med., St.  
Louis, MO 63110 USA

SO Society for Neuroscience Abstracts, (1997) Vol. 23, No. 1-2, pp. 625.  
Meeting Info.: 27th Annual Meeting of the Society for Neuroscience, Part 1  
New Orleans, Louisiana, USA October 25-30, 1997  
ISSN: 0190-5295.

DT Conference; Abstract; Conference

LA English

L5 ANSWER 5 OF 5 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

AN 1997:470164 BIOSIS

DN PREV199799769367

TI Neuroprotective **TGF-beta**-family neurotrophic factors:  
A comparison of GDNF, nodal, cardiotropin-1 and **neurturin**.

AU Bristol, L. A.; Bar-Peled, O.; Koliatsos, V.; Coccia, C.; Rothstein, J. D.  
CS Dep. Neuropathol., Neurol., Neuroscience, Johns Hopkins Univ., Baltimore,  
MD 21287 USA

SO Society for Neuroscience Abstracts, (1997) Vol. 23, No. 1-2, pp. 620.  
Meeting Info.: 27th Annual Meeting of the Society for Neuroscience, Part 1  
New Orleans, Louisiana, USA October 25-30, 1997  
ISSN: 0190-5295.

DT Conference; Abstract; Conference

LA English

=>

*November*

*November*

103 ✓

L5 ANSWER 39 OF 62 MEDLINE  
AN 96234788 MEDLINE  
DN 96234788 PubMed ID: 8699531  
TI Transforming growth factor-beta 3, glial cell line-derived  
**neurotrophic** factor, and fibroblast growth factor-2, act in  
different manners to promote motoneuron survival in vitro.  
AU Gouin A; Bloch-Gallego E; Tanaka H; Rosenthal A; Henderson C E  
CS INSERM U.382, Developmental Biology Institute of Marseille  
(CNRS-INSERM-Universite de la Mediterranee), France.  
SO JOURNAL OF NEUROSCIENCE RESEARCH, (1996 Feb 15) 43 (4) 454-64.  
Journal code: KAC; 7600111. ISSN: 0360-4012.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199609  
ED Entered STN: 19960912  
Last Updated on STN: 19960912

DUPLICATE 25

22 28 30  
24 26  
25

L5 ANSWER 45 OF 62 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
AN 1996:444646 BIOSIS  
DN PREV199699167002  
TI **Neurotrophic** responses to **GNDF** and other **TGF**  
-**beta**-superfamily members, and the distribution of receptors  
involved.  
AU Ebendal, T.; Bengtsson, H.; Carri, N. G.; Soderstrom, S.  
CS Dep. Developmental Neurosci., Uppsala Univ., Biomed. Center, Box 587,  
S-751 23 Uppsala Sweden  
SO International Journal of Developmental Neuroscience, (1996) Vol. 14, No.  
SUPPL. 1, pp. 76.  
Meeting Info.: 11th Biennial Meeting of the International Society for  
Developmental Neuroscience Tampere, Finland July 30-August 3, 1996  
ISSN: 0736-5748.  
DT Conference  
L

✓ L5 ANSWER 52 OF 62 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
 AN 1995:428839 BIOSIS  
 DN PREV199598443139  
 TI Differential survival effects of **GDNF**, **TGF-beta**-s and type 1 astrocyte-conditioned medium on ventral mesencephalic dopamine neurons in culture.  
 AU Sieber, G.-A. (1); Mendoza, G.; Racey, B. R.; Bektesh, S.; Lin, L.-F. H.; Stein, S.; Black, I. B.; Dreyfus, C. F.  
 CS (1) Dep. Neurosci. Cell Biol., Univ. Med. Dentistry New Jersey-RW Johnson Med. Sch., Piscataway, NJ 08854 USA  
 SO Society for Neuroscience Abstracts, (1995) Vol. 21, No. 1-3, pp. 539. Meeting Info.: 25th Annual Meeting of the Society for Neuroscience San Diego, California, USA November 11-16, 1995  
 ISSN: 0190-5295.  
 DT Conference  
 LA English  
 CC General Biology - Symposia, Transactions and Proceedings of Conferences, Congresses, Review Annuals 00520  
 Cytology and Cytochemistry - Animal \*02506  
 Genetics and Cytogenetics - Animal \*03506  
 Endocrine System - Neuroendocrinology \*17020  
 Nervous System - Physiology and Biochemistry \*20504  
 Developmental Biology - Embryology - Morphogenesis, General \*25508  
 BC Muridae \*86375  
 IT Major Concepts  
 Cell Biology; Development; Endocrine System (Chemical Coordination and Homeostasis); Genetics; Nervous System (Neural Coordination)  
 IT Chemicals & Biochemicals  
 DOPAMINE  
 IT Miscellaneous Descriptors  
 GLIAL CELL DERIVED **NEUROTROPHIC** FACTOR; MEETING ABSTRACT; MEETING POSTER; TRANSFORMING GROWTH FACTOR-BETA  
 ORGN Super Taxa  
 Muridae: Rodentia, Mammalia, Vertebrata, Chordata, Animalia  
 ORGN Organism Name  
 rat (Muridae)  
 ORGN Organism Superterms  
 animals; chordates; mammals; nonhuman mammals; nonhuman vertebrates; rodents; vertebrates  
 RN 51-61-6 (DOPAMINE)